

**RULE 63 (37 C.F.R. 1.63)  
INVENTORS DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PIEZOELECTRIC ELEMENT BASED ON SUPERHIGH-ORIENTED ALUMINUM NITRIDE THIN FILM AND MANUFACTURING METHOD THEREOF**

the specification of which (check applicable box(es)):

☐ is attached hereto  
☒ was filed on November 30, 2004 as U.S. Application Serial No. 10/516,333 (Atty. Dkt. No. - )  
☒ was filed as PCT International application No. PCT/JP03/06796 on May 29, 2003  
and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
2002-160568	Japan	31/May/2002

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s):  
Application Serial No.

Day/Month/Year Filed
PCT/JP03/06796
29/May/2003

Status: patented  
pending, abandoned  
pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1. Inventor's Signature: Morito Akiyama Date: March 18 2005  
Inventor: Morito AKIYAMA  
(first) (last)  
Residence: (city) Tosu-shi MI (state/country) Saga Japan  
Mailing Address: c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY KYUSYU  
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(Zip Code) 841-0052

2. Inventor's Signature: Naohiro Ueno Date: March 18 2005  
Inventor: Naohiro UENO  
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Residence: (city) Tosu-shi MI (state/country) Saga Japan  
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(Zip Code) 841-0052

**[X] See attached sheet(s) for additional inventor(s) information!!**

**BEST AVAILABLE COPY**

3. Inventor's Signature: Hiroshi Tateyama Date: March 18, 2005  
Inventor: Hiroshi TATEYAMA Japanese  
(first) (last) (citizenship)  
Residence: (city) Tosu-shi MI (state/country) Saga Japan  
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4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Yoshitaka SUNAGAWA Japanese  
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(Zip Code) 600-8530

5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Yoshihiro UMEUCHI Japanese  
(first) (last) (citizenship)  
Residence: (city) Kyoto-shi MI (state/country) Kyoto Japan  
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6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Keiichiro JINUSHI Japanese  
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Residence: (city) Toshima-ku MI (state/country) Tokyo Japan  
Mailing Address: c/o Furuya Metal CO., LTD.  
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(Zip Code) 170-0005

7. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

8. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
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9. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
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11. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
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Inventor: \_\_\_\_\_  
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FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information and signature and date for each.

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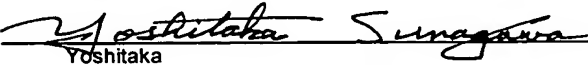
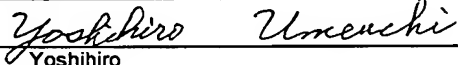
Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned pending
PCT/JP03/06796	29/May/2003	

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1.	Inventor's Signature:	Date:			
	Inventor:	Morito (first)	MI	AKIYAMA (last)	Japanese (citizenship)
	Residence: (city)	Tosu-shi (state/country) Saga Japan			
	Mailing Address:	c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY KYUSYU 807-1, Shukumachi Tosu-shi Saga Japan			
	(Zip Code)	841-0052			
2.	Inventor's Signature:	Date:			
	Inventor:	Naohiro (first)	MI	UENO (last)	Japanese (citizenship)
	Residence: (city)	Tosu-shi (state/country) Saga Japan			
	Mailing Address:	c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY KYUSYU 807-1, Shukumachi Tosu-shi Saga Japan			
	(Zip Code)	841-0052			

**[X] See attached sheet(s) for additional inventor(s) information!!**

3.	Inventor's Signature:				Date:	
	Inventor:	Hiroshi (first)	MI	TATEYAMA (last)	Japanese (citizenship)	
	Residence: (city)	Tosu-shi (state/country) Saga Japan				
	Mailing Address:	c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY KYUSYU 807-1, Shukumachi Tosu-shi Saga Japan				
	(Zip Code)	841-0052				
4.	Inventor's Signature:				Date:	March 24, 2005
	Inventor:	Yoshitaka (first)	MI	SUNAGAWA (last)	Japanese (citizenship)	
	Residence: (city)	Kyoto-shi (state/country) Kyoto Japan				
	Mailing Address:	c/o OMRON CORPORATION 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto Japan				
	(Zip Code)	600-8530				
5.	Inventor's Signature:				Date:	March 25, 2005
	Inventor:	Yoshihiro (first)	MI	UMEUCHI (last)	Japanese (citizenship)	
	Residence: (city)	Kyoto-shi (state/country) Kyoto Japan				
	Mailing Address:	c/o OMRON CORPORATION 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto Japan				
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6.	Inventor's Signature:				Date:	
	Inventor:	Keiichiro (first)	MI	JINUSHI (last)	Japanese (citizenship)	
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	(Zip Code)	600-8530			
6.	Inventor's Signature:	Date: <u>March 25, 2005</u>			
	Inventor:	<u>Keiichiro</u> Keiichiro (first)	MI	JINUSHI (last)	Japanese (citizenship)
	Residence: (city)	Toshima-ku (state/country) Tokyo Japan			
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